SALMON RIVER RESTORATION COUNCIL

Salmon River Community Restoration Program (SRCRP)

Grant Agreement # 14-48-11333-00-G010

Project Number 2000-PC-03

Date July 10, 2001

Final Report

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A) ABSTRACT

The Restoration Council has performed the tasks identified in our cooperative agreement for the Salmon River Community Restoration Program (CRP) for Fiscal Year 2000 (FY 00). During FY 00, the SRRC continued to enlist community members in a variety of watershed awareness, restoration and protection activities. In FY 00, the SRRC held a series of Ecosystem Awareness Workshops, Restoration Training Workdays and Field Trips in the Salmon River subbasin that focused on: 1) Fisheries Management, 2) Fire Management, 3) Native Plant Nurseries, 4) Watershed Education Program- Partnership between the 3 Schools and SRRC, which highlights subbasin water temperature monitoring, 5) Forest Management, 6) Road Management, 7) Noxious Weed Control 8) Recycling Fire Camp Trash, 9) Subbasin Restoration Planning and 10) SRRC-annual Community Action Plan development. SRRC also was represented by staff and community support in a number of project/resource monitoring efforts, restoration strategy planning meetings, private funding acquisition, meeting with and providing information to government agencies, resource user outreach efforts, and toxic materials awareness activities. sponsored an Economic Development committee to insure development of a local capacity to perform restoration work. In 210 events there were 525 community/resource user volunteer person days contributed to help restore the Salmon River subbasin. At \$10 an hour plus the value of implied benefits (at 12.81%), the value of community in-kind service contribution was \$35.789.00 (of which \$13,046.70 was attributed to the CRP FY00). The staff also donated 215.8 person days. At \$12 an hour plus implied benefits, the total dollar value of the staff in-kind services contribution was \$60,786.52, of which \$26,458.52 attributed to CRP FY00. There was also donated mileage valued at \$8,415.69 of which \$1,529.59 was attributed to CRP FY00. There was also donated non-federal technical assistance of 80 person days valued at \$3,606.00 of which \$1,000 was attributed to CRP FY00. Additionally, there was GIS/GPS and related equipment use and maintenance agreement expense in-kind contributions attributed to CRP FY00 which were valued at \$5,000.00. With CA Fish & Game matching agreements for the period of \$26,378.70, the total in-kind contribution attributed to the project is \$73413.51. In keeping with our commitment to the educational aspects of fisheries restoration, several teachers and student days are associated with this year's Program. Seventeen grant proposals were submitted to public and private funders, including 5 to the Klamath River Fisheries Task Force process. Community cooperation and support is expanding and compliments SRRC's work in bringing together various stakeholders in the subbasin to prioritize and implement needed restoration activities.

B) INTRODUCTION

In the Salmon River subbasin the Salmon River Restoration Council (SRRC) has taken the lead role in heightening local community awareness and enlisting local support to rehabilitate the andromous fisheries and the related resources. Our mission is to assess, protect, restore, and maintain the Salmon River ecosystems, focusing on the restoration of the andromous fisheries resources. This is being accomplished through diversification of the local economic base and by improving communication and cooperation between the local community, the managing agencies, Native American tribes, resource use stakeholders, and the general public. Since 1992, SRRC initiators have planned and implemented an annual series of volunteer Ecosystem Awareness Workshops and Restoration Training Workdays. Over 5,500 volunteer days have been contributed by community members technical assistants, and other supporters in the planning and implementation of over 250 SRRC sponsored Workshops and Workdays. Ways to reduce negative impacts connected to various resource uses are being identified and utilized in areas such as: fishing, mining, forest management, grazing, recreation, road management, and residential use.

For the past 9 years, the SRRC has participated in Salmon and Steelhead population and habitat surveys. In FY-2000 there were over 105.75 volunteer person days associated with these surveys (including training) that were contributed by community members and other supporters. The SRRC is continuing to promote a series of shaded fuel breaks on private land to protect both riparian and upslope habitats. Fuel breaks were maintained and installed along private roads on several parcels of private lands. We have continued to increase our roads program in which local residents help steward roads that they use through implementing light maintenance measures (clean culverts and ditches, etc), participating in a roads needs assessment, and checking roads and repairing drainage problems during major storm events. The SRRC coordinated much of this work with the USFS. The USFS was provided a summary of the work performed.

Through the creation of a Salmon River Community Restoration Program (CRP), the SRRC developed a long range Community Action Plan in 1994, which outlines direction and prioritizes its activities to best accommodate watershed/fisheries recovery. This plan was renamed Community Restoration Plan and updated during FY-2000. The on-going participation of the local schools has expanded the educational component of many of SRRC's activities.

C) DESCRIPTION OF STUDY AREA

The Salmon River is one of the major subbasins in the Klamath River Basin. The 751 sq. mile watershed is entirely within the Klamath National Forest. Four communities lie widely dispersed within this watershed. There are approximately 250 people residing in the drainage. The Salmon River has long been known for its exceptionally high quality waters and high value fisheries as well as boasting one of the richest regions of species diversity in the temperate zones. In comparison to most rivers in the west, the Salmon River still retains large areas of high quality habitat for andromous fish. It is noted to have the largest population of Spring Chinook Salmon in California. There are both summer and winter runs of native Klamath Province Steelhead. A smaller run of Coho salmon is also present. In general, coniferous tree associations that change with elevations characterize the headwaters of the Salmon River. The major forest types have various under story elements that characterize them specifically, depending on soil type and exposure.

The Salmon River watershed is one of the highest risk fire areas on the Klamath National Forest. It has a high natural frequency of lightning occurrence. In recent years the Offield Fire (1973) burned the area near the river confluence. The Hog Fire (1977) burned extensively in the lower North and South Fork watershed and in Nordheimer and Crapo Creeks. The total area was about 80,000 acres. In 1987, wildfires burned 90,900 acres in four separate areas, covering much of the Salmon River subbasin. In 1994, the Specimen fire burned approximately 7,500 acres in the Specimen and Little North Fork Drainages of the North Fork. It is estimated that 40-50% of the Salmon River subbasin has burned since the early 70's. Many acres of intact late successional forest and high value riparian habitat burned with high intensities, completely degrading the functional biological quality of these habitats.

The Klamath River Fisheries Task Force has identified high water temperatures and excessive sediment production being the key limiting factors for the anadromous fisheries resource in the Salmon River subbasin. The Forest Service has identified that the recent catastrophic fires have been a major contributor of sediment to the Salmon River and have eliminated significant areas of riparian cover in the subbasin (Salmon River Sediment Analysis - USFS 1994). Since the Hog fire in 1977 Salmon River water temperatures have exceeded 77 degrees Fahrenheit (West et al 1991). The recent wildfires have increased sediment run-off on roads, in riparian areas, and from the upslope areas.

Our community-based program is of particular significance in managing the Salmon River subbasin because access to the district may also be viewed as a limiting factor. Managing agency personnel have to drive two or more hours just to get to the main roads. There are two high summits to go over on the access routes. The main Salmon River road is mostly a one-lane road with turnouts carved into the

steep cliffs of the river corridor. This makes management activities expensive and sometimes prohibitively costly. Monitoring both for legal and illegal resource use has often been difficult to accomplish with any sort of effectiveness. We must also mention that the difficult access has been somewhat responsible for limiting development by larger corporate resource-extraction industries.

At present, fuel loading is at an unnaturally high hazard level in many areas of the watershed. This threatens to severely damage the more biologically intact or recovering landscapes in the subbasin (Each of the USFS Watershed Analyses). Several Late Successional Reserves in the subbasin have a high fire potential (USFS North Fork, Eddys, Carter Meadow/Taylor Late Successional Reserve (LSR) Assessments – 1995 &1996). The Karuk Tribe of California has presented information pointing to the fact that, fifty years of fire suppression has resulted in an ecosystem with accumulations of flammable debris capable of fueling future catastrophic fires within the watershed. (Karuk Tribal Module for the Main Stem Salmon River Watershed Analysis, Draft, June 25th, 1996).

In the winter of 1996-1997, we experienced an unusually heavy snow, probably combined with wind, which created a tremendous number of downed and broken trees and other damage to woody vegetation. This has exacerbated the already severe problem. The SRRC is participating in cooperative monitoring of Eddy's Gulch Blowdown Salvage portion of the federal response to this problem. In addition has provided volunteers to pull back excessive fuels from residual large trees prior to scheduled US Forest Service under burning in the area.

Without critical fuels management, one can easily predict that catastrophic wildfires will return more frequently in the Salmon River. The fire history and fire potential of this subbasin establish that increased catastrophic wildfire occurrence is the number one threat to fisheries and general ecosystem health and diversity.

During 1997, the Salmon River experienced the largest high water event since the 1964 flood. Several roads and hillsides failed in the subbasin. In addition several miles of riparian habitat (particularly on the South Fork) were scoured, reducing shade over streams and sections of the river.

D) METHODS AND MATERIALS

- Ecosystem Awareness Workshops, Restoration Training Workdays
 The Salmon River Restoration Council has performed the tasks identified in our
 cooperative agreement for Salmon River Community Restoration Program (CRP)
 for fiscal year 2000 (FY 00). The SRRC continued to enlist community members in a
 variety of watershed restoration and protection activities. In FY 00, the SRRC held a
 series of Ecosystem Awareness Workshops, Restoration Training Workdays and
 Field Trips in the Salmon River subbasin that focused on:
- 1) Fisheries Management, 2) Fire Management, 3) Native Plant Nurseries, 4) Watershed Education Program- Partnership between the 3 Schools and SRRC, which highlights subbasin water temperature monitoring, 5) Forest Management, 6) Road Management, 7) Noxious Weed Control 8) Recycling Fire Camp Trash 9)Subbasin Restoration Planning and 10) SRRC-annual Community Action Plan development (See Appendix #1# Activities Schedule and Description and Participation Log).

Public Outreach

SRRC distributed announcements and information at key locations that serve as community information distribution points. These points are at the Forks of Salmon Post Office, Cecilville Post Office and Sawyers Bar Post Office. We have maintained current information and handouts at these and other points. Notices and informational announcements have also been posted at public bulletin boards in Somes Bar, Orleans, Happy Camp, Etna, Fort Jones, and Callahan. Periodic updates were provided to the Fish and Wildlife Service throughout the year. Various SRRC updates were provided to our Board of Directors, the community and other stakeholders including newsletters circulated periodically. In reaching out to managing and interested entities the SRRC held various field trips and gave several presentations to provide a general overview of the conditions and problems associated with watershed health in the Salmon River subbasin (See Appendix # 3 # Handouts, Posters, Planning Meeting Notices, etc.).

Support for Schools' Watershed Education Programs

During FY 00 SRRC continued to support the 3 school's Watershed Education Programs with data gathering technicians, technical assistance and planning and coordination. In 31 events during FY 00 community volunteers donated 16.25 person days and staff provided 39 days to this effort.

FY 00 Board and Steering/Planning Meetings

During the planning meetings the community members, key agency specialists, Karuk Tribe of California personnel and others participated in planning, implementing and evaluating the Ecosystem Awareness Workshops, Restoration Training Workdays, Project Proposals or other SRRC restoration activities. Notices for the board and steering committee meetings were mailed and posted on all key community bulletin

boards. There was a total of 21.125 volunteer days attributed to the 6 Board/Steering Committees and Vision meetings and 10.875 volunteer days attributed to the 27 planning meetings (See Appendix # 1 - Activities Schedule, Evaluations and Participation Log).

Community Restoration Plan

In the beginning of the year the Restoration Council reviewed and updated its Salmon River Community Restoration Plan. The Plan focuses on accomplishing associated Tasks in areas such as; Ecosystem Planning, Education, Aquatic Ecosystem Protection and Restoration, Terrestrial Ecosystem Protection and Restoration, Ecosystem Assessment. This Plan is used as an annual guide for the staff in achieving long and short range Goals identified by the Board, steering committee and the general community. It will be updated at least every year as new information, opportunities, or directions arise.

Partnership Building

The SRRC participants continued to provide assistance to the Forks of Salmon School in coordinating and implementing their watershed education program. Students learned techniques to inventory, monitor, protect, and rehabilitate natural resources in Salmon River subbasin that are directly associated with the anadromous fisheries. Again this year an AmeriCorps partner working in the schools participated.

Our Stakeholders group, the Salmon Learning and Understanding Group (SLUG) continued to meet, though less frequently due to scheduling difficulties. We continue to meet with the USFS Salmon River District Ranger.

Project Development

Through the Community Restoration Plan and the 3-Year Work plan the SRRC has identified key projects and project areas that need funding. The SRRC Coordinators worked with specialists from the managing agencies, Karuk Tribe, the private sector, and universities in the development of a number of restoration proposals. In addition to submitting 5 proposals in FY 2000 to Klamath River Fisheries Restoration Task Force, the SRRC submitted a dozen restoration proposals to various funders such as: US Forest Service, California Dept. of Fish and Game, The Humboldt Area Foundation, the Jobs-In-The Woods program, The Conservation Technology Support Program and others.

Personnel

The SRRC Coordinators and Secretary attended all of the planning meetings for which they will be compensated through their salary. In FY-00 the Staff worked the equivalent of 364.6 eight—hour days total to fulfill organizational commitments to watershed restoration, of which 148.6 days were paid and the other 216 were in-kind contribution. Of the total staff days for the Grant Period, over 59% were volunteered.

Technical Assistance

During FY 00 the SRRC received a broad range of technical support from key agency and University personnel, Tribal representatives, and private specialists at several of the planned Workshops and Workdays and other events. Non-federal support from

these sources totaled 79 person/event days valued at \$8,721.6.

In addition, we received extensive technical assistance for our computer and Geographic Information Systems project, for initiation of a subbasin-wide private landowner inventory, for proposal development, and for general computer assistance.

The SRRC continued to work on developing a comprehensive Geographic Information System (GIS) that is utilizing data from the Klamath National Forest and from other sources. The SRRC is working in conjunction with technicians from the Klamath Resource Inventory System (KRIS). The SRRC will be tracking such characteristics as: unstable soils and roads, denuded riparian and up-slope habitats, fuels loading associated with private dwellings and opportunities for fuel breaks, native and noxious plant species populations, areas of the river used by anadromous fish species, SRRC's restoration sites, and other information

Conferences/Workshops/Presentations

During FY 00 SRRC participants attended a variety of workshops to increase knowledge of restoration problems and solutions. SRRC staff made several presentations to other entities such as: CALEPPC 10/16/99, Sisk. Co Weed Meeting 1/27/00, Fish working group Ft Jones 2/3/00, Headwaters Conference 2/4/00, Salmonid Restoration Federation Conference in Fortuna 3/3/00, Roads Symposium 3/14/00, SLUG 3/29/00, Orleans Elementary 4/12/00, Fire Awareness 4/24-25/00, Bill Wing Productions 5/27/00, Mt Shasta Science Fun Days 6/1/00, Sierra Club 7/26/00, AmeriCorps 7/20 & 4/24/00, Klamath Outdoor School 7/25-26/00, Knapweed Presentation to Salmon Fire Camp 7/27/00, Orleans Elementary 4/12/00, Klamath Basin Fisheries Restoration Task Force Technical Work Group, Lower Mid Klamath Restoration Group, Siskiyou Resource Conservation District, Common Ground, California Department of Fish and Game, Klamath Resource Information System Forum, Siskiyou County Public Works Department and the Wild lands Conference in Davis. SRRC participants attended various conferences and training sessions which include: GIS Training in San Diego, Kris/GIS Training with the schools, Klamath Task Force Technical Work Group, Subbasin Planning Committee Meeting (host), Fire Training Week (host), Klamath/Salmon Fishermen and Guides Association and others.

Current Status of Salmon River Subbasin Restoration Strategy:

- Provided comments to USFS (cooperator)
- Modified introduction as agreed at meeting with Forest Service
- Modified and expanded Action Matrix as agreed at meeting with Forest

Service

 Scheduled to receive TWG comments March 8th and 9th (2001) Timeline – incorporate TWG comments and produce Final April 15th, 2001 Funding to complete the Plan will be provided by USF&W in FY 01.

Other Restoration Council Projects

Other specific projects included in SRRC's activities this year were: 1) The Salmon River Understanding and Learning Group (SLUG), 2) Jobs In The Woods - /Riparian Restoration and Protection projects, 3) History CD production for the Humboldt Area Foundation, 4) Sediment Source Analysis (Roads with USFS), 5) Noxious Weed Eradication, 6) Recycling fire-camp trash, 7) local Native Plant Group, 8) Klamath /Salmon Fishermen and Guides Association, 9) Outreach Equipment, 10) Klamath Resource Information System, 11) Toxic Awareness, 12) Community Economic Development, 13) Watershed Education with 3 local schools, and 14) Garbage Dive river clean-up (See Appendix # 1 - Activities Schedule, Evaluations and Participation Log).

E) RESULTS AND DISCUSSION

During the Ecosystem Awareness Workshops and Volunteers Restoration Training Workdays, a cooperative local forum was provided whereby community members, agency personnel, tribal representatives, resource specialists and the general public interacted through information exchange, open discussion and in on-the-ground training in diverse watershed rehabilitation, protection, and monitoring and inventory projects. This year the Salmon River Community Restoration Program continued to expand. SRRC held 148 restoration and training Workshops/Workdays and 38 planning and committee meetings during FY00, and also made 8 presentations, and participated in 6 conferences. That volunteer support worth \$107,779.00 was given to SRRC by staff, community members and others during FY 00, demonstrates not only strong local support for our efforts, but that we are making a real contribution toward the recovery of the Salmon River ecosystems (See Appendix # 2 Workshop/Workday Evaluations & Notices).

F) SUMMARY AND CONCLUSION

This has been an eventful and rewarding year for the SRRC. The SRRC will continue to take the lead role in heightening community awareness, enlisting local support, and promoting cooperative land and resource management among all stakeholders. This is necessary to effectively rehabilitate the Salmon River watershed and specifically

the fisheries resources. In its task to enlist potential partners in watershed management, the SRRC realizes that this may be done more efficiently by coordinating restoration and protection activities with management and regulatory agencies, local resource protection entities, private landowners, and education facilities that already exist within and outside the subbasin. The SRRC is working to increase its effectiveness on a local level, as exemplified by the 3 Salmon River Schools Watershed Education Program.

In addition to working with the 3 schools, the SRRC coordinated its projects with the Forks of Salmon Fire and Rescue and the Sawyers Bar Water Board. It provided technical assistance by performing coordinated activities in areas such as fire prevention, fuels inventory, and erosion control. The SRRC will continue to give educational and informational presentations to groups within and outside the subbasin.

The SRRC is working on a cooperative project with the US Forest Service (Ukonom and Salmon River District's) with support from the Karuk Tribe to develop a strategy for restoration in the Salmon River subbasin, prioritize key areas to protect and prescribes types of projects needed. A major challenge facing the Salmon River Restoration Council, tied to the Restoration Strategy, is to develop a Cooperative Fire Management Strategy for the Salmon River in which all stakeholders are involved. Another critical organizational and community challenge will be to provide the staff and other community members with enough income to sustain their pro-active work for the ecosystem.

In conclusion, the health of these aquatic and terrestrial ecosystems is the single most important factor in determining the ecological and economic well being of our rural riverine community. Cooperative community efforts such as the Salmon River Restoration Council are the best vehicle to achieve watershed/fisheries recovery with a minimum of dislocation to existing economic and social activities. As is evidenced by the SRRC's annual accomplishments, there exists a consistent expansion of community commitment to the protection and restoration of the Salmon River subbasin and in particular its anadromous fisheries resource. Without the support of the watershed residents and various associated stakeholders the recovery and maintenance of the watershed and fisheries may not be possible. Due to the Salmon River Subbasin's remoteness and management access problems, the government agencies must have the active cooperation and support of the communities to expediently recover the fisheries resources associated with the Salmon River. The SRRC believes that strong community partnerships are essential to the recovery of

the natural environmental and sustainable social conditions.

G) To	SUMMARY OF EXPENDITURES tall funds allocated to SRRC for this project by USF&W:	\$ 34,722.00
\$\$\$\$\$\$	Notal Personnel Costs: 800.00 for Contractual Technical Assistance 1,368.00 for the Technical Coordinators for 114 hours @\$12/hr 7,230.00 for the Program Coordinators for 577.5 hours @\$12/hr 3,456.00 for the Secretary for 288 hours @\$12/hr 2,211.00 for the Staff Accountant for 184.25 hours @ \$12/hr 2,305.00 for staff benefits (payroll taxes & wkr's comp ins.) 4,000.00 for volunteer's Per Diem	\$21,370.00
Tc	otal Expendable Equipment Materials & Supplies: \$ 153.70 for Mapping Supplies \$ 1,530.96 for Educational Materials 315.34 for Postage	\$2,000.00
\$ \$ \$	1,764.95 for Travel & Transportation 5,678.87 miles @\$.31/mi 510.84 for Workshop Costs 1,173.25 for Telephone & Internet Costs 1,205.34 for Duplicating \$ 2,108.66 for Office Rent & Property Insurance \$ 60.00 for Office Repairs	\$6,823.04
\$ \$	otal General and Administrative Expenses: 3,399.00 for Wages 84.24 for Subscriptions 25.00 for Filing Fee-Non Profit 7.45 for Insurance 168.55 for Postage 25.92 for Printing and Reproduction 160.09 for Office Utilities 50.34 for Supplies 72.85 for Telephone 411.60 for Travel 41.35 for Bank Charges & Checks	\$4,528.96

\$ 82.57 for Insurance In Kind Contribution

\$73,413.51

H) APPENDICES:

- #1 Activities Schedule and Participation Log
- #2 Workshop/Workday Evaluations and Notices (Examples)
- #3 SRRC Handouts, Posters, Planning Meeting Notices (Examples)
- # 4 2000 Revision Community Restoration Plan 3-Year Work Plan

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Appendix #1 CRP-00

Activities Schedule, Participation Log and Selected Evaluations

During CRP-00 the Salmon River Restoration Council (SRRC) planned and held several Workshops, Workdays, Planning Meeting, and other related events. These activities are included in the following lists of our many activities during this year. We have also included a description and evaluation of the major planned activities. At the end of the appendices is a list of proposals developed during this period.

LIST OF MAJOR ACTIVITIES BY PROJECT, and DATE:

A. Fall Salmon Survey Trainings and Survey Days

Community members attended the Fall Chinook Cooperative Training Sessions and performed Carcass and REDD surveys. There were 15 SRRC's Staff days provided to this cooperative project. Cooperators include the California Department of Fish and Game. US Forest Service, Yurok Tribe, and the SRRC. The SRRC support included Supervisory and Technical Assistance in addition to the general participation of 40 volunteer workdays from community members. The surveys took place on each Monday and Thursday from early-October until late November. This project has helped reinforce fisheries education and protection in the Salmon River. The SRRC has helped spawn alternative methods for the agencies to accomplish this survey. This project gathered valuable data for monitoring the health of our fisheries resource, and provided input for determining the allowed harvest. In FY 00 SRRC developed proposals designed to provide additional funding for this project. We feel this will help assure this valuable source of information continues.

10/6/99	Fall Survey Training at Petersburg Fire Station (3) vol.; (1) staff
10/7-	Day 2 of Training at Petersburg. (3) vol.
10/12-	Whitewater Safety Training at Shasta River. (5) vol.
10/14-	Fall Survey # 1 (6) vol.; (1) staff
10/18-	Fall Survey # 2 (2) vol.; (1) staff.
10/21-	Fall Survey #3 (3) vol., (1) staff
10/25-	Fall Survey # 4 (1) vol.; (1) staff
10/28-	Fall Survey # 5 (1) vol.; (1) staff
11/1-	Fall survey #6 (2) vol.; (1) staff
11/4-	Fall Survey #7 (1) vol.; (1) staff
11/8-	Fall Survey #8 (2) vol.; (1) staff
11/11-	Fall Survey #9 (4) vol.; (2) staff
11/15-	Fall Survey #10 (3) vol.; (2) staff
11/18-	Fall Survey #11 (2) vol.
11/19-	Fall Survey #12 (1) vol.; (1) staff
11/23-	Fall Survey #13 (1) vol.; (1) staff

B. Winter Steelhead Survey

The USFS, F&G and SRRC worked together to survey winter Steelhead populations, and spawning grounds on the upper reaches of the North and South Fork as well as tributaries. Community volunteers from the SRRC volunteered 54.5 person days and 1,039 miles towards the survey. This project gathered valuable data for monitoring the health of our fisheries resource, and provided input for determining the allowed harvest. This project also helped develop public awareness of the need for preservation. Staff Community Vol

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Most @ Et Jones		2
02/03/00 Fish Work Group Meet @ Ft. Jones	3	1
02/16/00 Steelhead Boat Scale Sampling	12	3
03/01/00 Steelhead Survey Training at FCC		3
03/07/00 Steelhead Survey #1	5	4
03/13/00 Steelhead Survey #2	5	- I
03/21/00 Steelhead Survey #3	7	1
03/28/00 Steelhead Survey #4	7	1
03/28/00 Steelinead Survey #5	6	1
04/11/00 Steelhead Survey #5	1	2
04/18/00 Steelhead Survey #6	11	2
04/25/00 Steelhead Survey #7	, ,	

C. Spring Chinook Dives

This cooperative volunteer effort is a centerpiece of SRRC's involvement in fisheries management by the community. Participants identified both summer steelhead and spring Chinook species. Over 60 miles of river were surveyed. Community volunteers from the SRRC comprised a major portion of the participants in this survey, volunteering 30.5 person days and 317 miles to the dive. Entities involved in the population survey are groups such as: Ca. Fish and Game, Karuk Tribe, Yurok Tribe, Forks of Salmon School, and Sawyers Bar School. One result of community involvement in this effort is the increase of public understanding and of appreciation for endemic salmon and steelhead stocks and their habitats. Trends of juvenile and adult populations will continue to be monitored annually and continue to grow as a focus of community involvement. As a result of increased coordination key personnel were better utilized and communication between the cooperators was improved. Better scheduling of periphery events was identified as an area needing improvement. More equipment is also needed for volunteers to better accomplish the dives in future years.

- 7/17- Mainstem Survey (2) vol.; (2) staff
- 7/18- Spring Chinook Census Training in Forks of Salmon (12) vol.; (2) staff
- 7/19- Dive (14) vol.; (2) staff
- 7/20- Dive (1) vol.; (1) staff

D. Watershed Education Program and 319(h).

SRRC provided coordination, technical support and community volunteers to the 3 Salmon River schools Watershed Education Programs. Water temperature monitoring activities were highlighted in the schools and community by utilizing Hobo Temp computer instruments, funded through the KRIS project, to collect water temperature information. There were 24 SRRC staff days and 11.5 community volunteer days provided in FY 2000. Other activities associated with KRIS and activities in which the SRRC coordinated and provided support are also identified. Students, teacher, community members, and various specialists shared information and performed restoration and training activities. This project provides an excellent opportunity to increase understanding for natural processes in the Salmon River, identifying resource problems through monitoring and education, and learning techniques needed in watershed recovery.

I. Hobo Temperature Monitoring Activities:

- 5/24- Hobo Temp Calibration (1) vol.
- 6/2- Junction Elem. Hobo Calibration (2) staff
- 9/8- Sawyers bar Hobo Calibration (1) staff
- 9/18- Junction Hobo Calibration (1) vol.
- 9/22- Forks Elem. Hobo Calibration (1) staff

II. Local Elementary School Student Activities

1/26-	Snow Science Field Trip (1) vol.; (1) staff
2/17-18-	Forks & Sawyers Ski Trip (2) vol.; (2) staff
2/22-23-	Junction Ski Trip (3) vol.; (2) staff
3/10-	Bird ID Class for Sawyers (1) vol.; (1) staff
3/17-	Bird ID Class for Forks (1) vol.; (1) staff
4/28-	Bird Field Trip for Junction (1) staff
5/5-	Watershed Ed Faire (2) staff
5/12-	Bird Field Trip for Forks and Sawyers (1) staff
9/15-	Junction Conrad Creek Study (1) staff
9/19-	Geo-botany Field Trip (1) staff

III. Misc.

- 3/21- KRIS Training for Teachers (3) staff
- 3/22- KRIS Training for Volunteers (3) vol.; (2) staff
- 8/17- Junction Teacher meeting (1) staff
- 8/18- Watershed Ed Teacher meeting (1) staff
- 9/18- Sawyers Bar Teacher meeting (1) staff

E. Spotted Knapweed Manual Removal Activities: The noxious weed, Spotted Knapweed (Centaurea maculosa) and Diffuse Knapweed (Centaurea diffusa) has been located within the Salmon River Watershed. The U.S. Forest Service, Siskiyou County Dept. of Agriculture and SRRC worked together as part of a Weeds Management Area Working Group (WMA). During 2000 the WMA surveyed, located, inventoried, mapped, and manually controlled various populations of these weeds. The community and staff contributed over 2000 hours of volunteer labor and 4,828 miles to noxious weed eradication in FY2000, and made a substantial contribution to the control of these species. We will continue to manually control populations for the next several years until the infestations are eradicated. The SRRC provided educational materials to resource users, landowners, and school students. The SRRC coordinators have done extensive research on Knapweed and other noxious weeds invading our watershed. We are testing other innovative methods of control such as mulching knapweed and mowing starthistle. This year the UC Davis Extension produced a protocol and survey

I. On the Ground Workdays

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	October 1999	
	10/5-	Kelly's Bar Mulch Pick-up (2) staff
	10/16-	Cal. Exotic Pest Plant Council Symposium (1) vol.; (1) staff
	December	
	12/13-	Kelly's Bar Mulch collection (2) staff
	12/16-	Kelly's Bar Native Seed Dispersal (3) vol.; (1) staff
	January 2000	
	1/19-	Noxious Weed Committee Meeting (15) vol.; (2) staff
	1/27-	Weed Management Area Group Meeting (1) staff

February			
	2/10-	Kelly's Bar Native Seed Dispersal	
March	2/1/	Noxious Weed Final Reporting (1) vol.; (2) staff	
	3/16- 3/17-	Noxious Weed Committee Meeting (4) vol.; (2) staff	
April	3/1/"	Moving a con continues and Charles	
Zipin	4/12-	Presentation for Earth Day at Orleans Elementary School (1) staff	
	4/21-	Monitor Walk on Kelly's Bar with USFS (3) staff	
	4/22-	Earth Day Workday at Kelly's Bar (9) vol.; (1) staff	
	4/24-	Americorps Workday on the North Fork (9) vol.; (1) staff	
May	~	vv. 1.1	
	5/1-	Workday on the North Fork (1) vol.; (1) staff Workday on the North Fork (2) vol.; (1) staff	
	5/2- 5/4-	Forks Elementary School Workday (2) vol.; (1) staff (8) students	
	5/5-	Workday on the North Fork (1) vol.; (1) staff	
	5/9-	Workday on the North Fork (1) vol.; (1) staff	
	5/10-	Workday on the North Fork (1) vol.; (1) staff	
	5/11-	Workday at Red Bank Campground (5) vol.; (2) staff	
	5/12-	Workday on the North Fork (4) vol.; (1) staff	
	5/13-	Workday at Forest Mine (1) staff	
	5/14-	Upslope Workday (1) staff	
	5/15-	Mainstem Workday (1) staff GPS Training (1) vol.; (1) staff	
	5/15- 5/16-	Workday on the North Fork (1) vol.; (1) staff	
	5/17-	Mainstem Workday (1) staff	
	5/18-	Kelly's Bar Workday (6) vol.; (1) staff	
	5/19-	Workday on the North Fork (1) staff	
	5/20-	Kelly's Bar Workday (14) vol.; (3) staff	
	5/21-	Summer on the Salmon Week (3) vol.; (2) staff	
	5/22-	Kelly's Bar Workday (7) vol.; (2) staff	
	5/23-	Gallia Workday (3) vol.; (1) staff Across River Workday (3) vol.; (1) staff	
	5/24- 5/25-	Forks Elementary School Workday (3) vol.; (1) staff (6) students	
	5/26-	Upslope Workday (1) staff	
	5/27-	Presentation at Nordheimer Creek to Bill Wing Presents (2) staff	
	5/28-	Marlahan Mustard Workday (1) staff	
	5/28-	Presentation at Nordheimer creek/campground (1) staff	
	5/29-	North Fork Reach (1) vol.; (1) staff	
	5/30-	Upslope Workday (1) staff	
	5/31-	Workday on the North Fork (1) staff	
June	6/1-	Forks Elementary School Field Trip (1) staff (8) students	
	6/1-	Presentation to Americorps in Mt. Shasta (1) staff	
	6/2-	Marlahan Mustard workday (1) staff	
	6/4-	Marlahan Mustard Workday (1) staff	
	6/6-	Kelly's Bar Workday (1) staff	
	6/9-	Kelly's Bar Workday (3) vol.; (1) staff	
	6/10-	Workday on the North Fork (1) staff	
	6/11-	Workday on the North Fork (1) staff	
	6/12-	Workday on the North Fork (1) staff	
	6/13-	Workday on the North Fork (1) staff Workday on the North Fork (3) vol.; (1) staff	
	6/14- 6/15-	Summer on the Salmon Week (12) vol.; (2) staff	
	6/16-	Kelly's Bar Workday (4) vol.; (1) staff	
	6/17-	Workday on the North Fork (1) staff	
	6/18-	Yellow Star thistle Workday (1) vol.; (1) staff	
	6/19-	Workday on the North Fork (3) vol.; (2) staff	
	6/20-	Gallia Workday (4) vol.; (2) staff	
	6/21-	Workday on the North Fork (8) vol.; (1) staff	
	6/22-	Sagassers Workday (1) staff	
	6/23- 6/24-	Site #4 Workday (1) staff Kelly's Bar Workday (4) vol.; (1) staff	
	0/24*	AND DE TOURS (1) TOUS (2) OTHER	

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Finley Camp Workday (1) staff
        6/25-
                 Kelly's Bar Workday (1) vol.
        6/27-
                  Sawyers Bar Town Workday (1) staff
        6/29-
July
                 Forks Elementary School Workday (4) vol.; (1) staff (6) students
         7/2-
                  Kelly's Bar Workday (2) vol.; (1) staff
         7/6-
                  Workday on the North Fork (11) vol.; (1) staff
         7/11-
                  Kelly's Bar Workday (2) vol.; (1) staff
         7/13-
                  Sierra Club Presentation at Nordheimer Campground (11) vol.; (2) staff
         7/15-
                  Sierra Club Presentation/Workday (9) vol.; (2) staff
         7/16-
                  Upslope Workday (2) vol.
         7/17-
                  Finley Camp Workday (2) vol.
         7/18-
                  Americorps Workday (17) vol.; (1) staff
         7/20-
                  North Fork Reaches (10) vol.; (1) staff
         7/21-
                  Eddy Gulch Workday (2) vol.
         7/23-
                  Klamath Outdoor School Presentation (1) staff
         7/25-
                  Upslope Workday (2) vol.
         7/26-
                  Sierra Club Presentation (1) vol.; (2) staff
         7/26-
                  Finley Camp Workday (2) vol.
         7/27-
                  Presentation to Salmon Camp (1) staff
         7/27-
                  North Fork Reach (2) vol.
         7/28-
August
                  Boulder Gulch Workday (1) staff
          8/1-
                  Kellys Bar Workday (1) vol.
          8/2-
                   Workday on the North Fork (1) vol.
          8/8-
                   Workday on the North Fork (2) vol. (1) staff
          8/14-
                   Upslope Monitoring with USFS (1) staff
          8/16-
                   North Fork Reach with USFS (1) staff
          8/17-
                   North Fork Reach with USFS (2) vol.; (1) staff
          8/18-
                   Gallia Workday (2) vol.
          8/19-
                   North Fork Workday (2) vol.
          8/21-
                   North Fork Reach with USFS (1) staff
          8/24-
                   Monitoring Field Trip with USFS (3) staff
          8/25-
                   Monitoring Field Trip with USFS (2) staff
          8/29-
                   North Fork Reach with USFS (1) staff
          8/30-
 September
                   Kelly's Bar Workday (1) staff
          9/18-
                   Noxious Weed Meeting with USFS (2) staff
          9/18-
                   Across River Workday (2) vol.
          9/20-
                   Kelly's Bar Workday (2) vol.; (1) staff
          9/22-
                   Gallia Workday (2) vol. (1) staff
          9/24-
                   Kelly's Bar Workday (3) vol.; (1) staff
          9/25-
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F. Planning Meetings

One key success of SRRC has been the ability to draw information and input from all interested parties and use it to help develop integrated plans of action with broad support. Several meetings took place to plan and expand SRRC's general work and consider new projects. The staff received important guidance in these sessions. Long term planning and the updating of the SRRC's Community Action Plan including a 3 year work plan continued. We continued to plan restoration projects, community development and seek expanded funding. Several meetings took place between SRRC, various managing agencies, the Karuk tribe of California and other organizations interested in the Salmon River. SRRC came together with the Forest Service, Karuk Tribe and KFA in the Salmon River Learning and Understanding Group (SLUG). Temporary District Rangers have been unable to fully participate in the SLUG, impeding the subbasin planning process. We successfully lobbied the Forest Service to keep the District intact and with the arrival of a more permanent Ranger in the spring of 2001, we intend to complete our Subbasin Restoration Strategy. Another lingering problem with planning is we lack facilities to adequately host larger planning meetings.

I. SRRC Staff Meetings: SRRC staff meetings are held once every month. We evaluate current projects, set the next monthly calendar and project leaders report on activities. We discuss the financial status, grants pending, workshops, and workdays.

,		Community	Staff
		Volunteers	
October 4, 1999	Staff meeting	0	6
November 9, 1999	Staff meeting	0	6
December 6, 1999	Staff meeting	4	5
January 3, 2000	Staff meeting	0	7
January 24, 2000	Staff meeting	1	10
February 28, 2000	Staff meeting	1	7
March 27, 2000	Staff meeting	0	9
April 17, 2000	Staff meeting	0	7
May 29, 2000	Staff meeting	0	5
June 19, 2000	Staff meeting	1	6
July 31, 2000	Staff meeting	0	8
August 28, 2000	Staff meeting	0	7
September 29, 2000	Staff meeting	0	9

II. SRRC Steering Committee Meetings: These meetings are for the local public to give insight and advice to projects, workshops, and workdays. Local public is also informed of upcoming job opportunities.

		Community	Staff
		Volunteers	
October 6, 1999 December 1, 1999 May 3, 2000	Steering Committee Mtg. Steering Committee Mtg.	1 6 10 4	3 5 6 5
August 2, 2000	Steering Committee Mtg.	₹	Ū

III. SRRC U.S. Forest Service District Ranger Meetings: These meetings invite the local National Forest District Rangers to inform and receive advice on upcoming events and project activities.

		Staff
October 26, 1999	Ranger Meeting	3
December 17, 1999	Ranger Meeting	4
February 17, 2000	Ranger Meeting	3
June 14, 2000	Ranger Meeting	3
July 13, 2000	Ranger Meeting	4
March 29, 2000	SLUG meeting	2

V. SRRC Economic Development Committee (EDC) Meetings and Activities:

During FY 2000, SRRC solicited input from the local community as individuals and neighborhood groups to develop a SWOT analysis of economic opportunities and challenges in our watershed. The challenge of the potential closure of Sawyers Bar Elementary School has disrupted the finalization of the SWOT analysis. In the spring of 2001, we will ask the community to come together to select and prioritize proposed actions.

munity to come toge		Community Volunteers	Staff
April 12, 2000	EDC/CAP mtg. @FCC	1	2
May 25, 2000	EDC/CAP mtg.	1	2

IV. Other Meetings:

. Other Meetings:		Community Volunteers	Staff
November 2, 1999	JITW Proposal Mtg	1	1
January 10, 2000	Visionary Mtg.	20	7
January 19, 2000	Noxious Weed Committee Meeting	15	2
February 1, 2000	Proposal Mtg. @ srrc *v	1	4
February 1, 2000	Native Plant Mtg. @ srrc *v	5	2
February 15, 2000	SRRC Annual Board of Dirc. Mtg at SRRC	7	6
March 17, 2000	Noxious Weed Committee Meeting @ SRRC	4	2
April 14, 2000	Fish Community mtg. @ Tribal Cntr.	13	1

G. Outreach

The SRRC participated in a number of conferences and symposiums dealing with restoration issues.

		Community Volunteers	Staff	
October 16 1999 (CALEPPC Noxious Weed Symposium in Sacramento	1		1
	Siskiyou Co. Noxious Weed Mtg. In Yreka	0		1
March 3 to 5 2000	Salmonid Restoration Federation Conference in Fortuna	1		2
	Roads Assessment Symposium (Host)	2		3
	Headwaters Conference Tabling (presentation)	2		2

H. Fire Management

The SRRC held various Fire Awareness sessions, on the ground training covering: fuels inventory, risk assessment and fuels reduction activities during FY-00. A representative from the USFS taught a refresher course for the Basic 32. Several attendants took the Basic 32 course in 1998. The community and other related management and interested entities have identified reoccurring catastrophic fire as being one of the greatest threats to the Salmon River watershed and specifically to the anadromous fisheries resource. These events help increase local awareness and interest in current fire conditions and issues. Community members are learning to assess fuel loads, prioritize treatment needs and reduce fuel loads focusing on residences. The Salmon River Volunteer Fire and Rescue Dept. (SRVF&R) made presentations in addition to presentations from the Karuk Tribe and the SRRC. Residents also participated in private residential surveys to assess the risk for responding fire fighters. Several parcels of private property, focusing on landowners who were elderly or disabled, had fuels reduction activities performed by SRRC and SRVF&R. One result of these activities has been the increased involvement of community members with the local fire and rescue groups. The development of a comprehensive coordinated fire management plan for the Salmon River was noted as a major need. This effort has stimulated community members to take more responsibility for their own property and for public property as well. SRRC is helping develop the Salmon River Fire Safety Council. Community Charte

		Community	Staff
		Volunteers	
April 24, 2000	Fire Awareness Traing Refresher @ Nordhiemer	11	3
	Fire Awareness Disscussion @ FCC	11	2
	Forks Fuel Clean-up	2	0
- 1	Cecilville Fuels Clean-up	1	0
• '	Sawyers Fuels Clean-up	4	1

I. Road Stewardship

The SRRC has promoted an effort in which community members take care of the roads that they use. Their use encompasses both private and public roads. On-going vigilance and inventory took place this year on the Godfrey Ranch Road and adjacent water ditch to prevent erosion. Information was also exchanged with the Forest Service regarding federal road management, planning, maintenance, and decommissioning. This year participants continued a storm patrol effort, which surveys road conditions in their area of use during storm events. These small on-going maintenance activities performed by the community in both their routine driving and storm events will significantly reduce road failure and surface erosion. An inventory of roads conditions and prioritizing problems was completed on public lands in the Lower South Fork area and is well under way for the Main Stem and North Fork. Funding for the Upper South Fork is expected in late 2001.

		Community Volunteers	Staff
**	Roads Assessment Symposium (Host)	2	3
March 14,2000	Roads Symposium Field Trip to Rodgers Creek Godfrey Roads Workshop	0	3
March 15, 2000		7	3
April 7, 2000	Godfrey Ditch dig	0	1
September 11, 2000 September 29, 2000		1	0

J. Facility/Technology Development

During FY 00 SRRC received and installed a local area network, new computers and software funded by the Norcross Wildlife Foundation. We also increased our ability to have effective meetings and presentations with the addition of a computer projection systems from USF&W (which is shared with other watershed groups). Unfortunately, the USFS decided to retract their consent for us to use the old ranger's quarters for meetings.

K. List of Proposals Developed during FY 00

Name of Grant	Funder	Period Date	Amount	Funded Y/N
Watershed Education	KNF	7/1/00-6/30/01	\$18,405.00	Y
Main Stem & North Fork Roads Survey	KNF	7/1/00-6/30/01	\$60,467.00	Y
Upper South Fork Salmon River Roads Survey	KNF	4/1/01-10/30/02	\$58,350.00	N
Coordinator Support	Cal. Dept. of Fish & Game	7/1/00- 3/31/02	\$24,607.00	Y
Coordinator Support	Cal. Dept. of Fish & Game	7/1/01- 3/31/03	\$31,552.40	N
Noxious Weed Management	Cal. Dept. of Fish & Game	7/01/00 6/30/02	\$20,727.83	Y
Watershed Education	Cal. Dept. of Fish & Game	7/1/00-6/30/01	\$15,803.30	N

Watershed Education	Cal. Dept. of Fish & Game	7/1/01- 6/30/02	\$18,798.13	N
Fire Management Strategy	Cal. Dept. of Fish & Game	7/1/01-6/30/03	\$36,299.75	N
Steelhead Spawning Assessment	Cal. Dept. of Fish & Game	7/1/01- 6/30/02	\$12,935.20	N
Vegetation and Fuels Assessment	Cal. Dept. of Fish & Game	7/01/01-6/30/02	\$37,751.74	N
Salmon River Noxious Weed Integrated Pest Management Demonstration Project	Dept. of Pesticide Regulation	3/01/01-6/01/02	\$23,893.55	N
Equipment for Watershed and Fisheries Health Assessment in the Salmon River	Siskiyou Co. Fish and Game Commission	3/1/00-1/30/01	\$2,376.00	Y
Steelhead Spawning Assessment	US Fish & Wildlife Service	10/01/00- 7/01/01	\$14,286.45	N
Cooperative Fire Management Strategy	US Fish & Wildlife Service	10/01/00 - 9/30/01		N
Community Restoration Program	US Fish & Wildlife Service	10/01/00- 9/30/01	25,000.00	Y
Educational Events	US Fish & Wildlife Service	10/1/00-9/30/01	\$5,577.50	N
Strategic Plan	US Fish & Wildlife Service	10/1/00-9/30/01	\$9,752.00	Y
Riparian Ecosystem Enhancement	US Fish & Wildlife Service	10/1/00- 12/31/03	\$39.051.70	N
Training, software & maintenance	Environmental Science Research	10/01/99 - 9/30/00	\$3,251.87	Y
Local Office Computer Network	Institute Norcross Wildlife Foundation Inc.	11/17/99	\$5,400.00	Y
History CD	Humbolt Area Foundation	4/12/00-4/12/01	\$10,000.00	Y
Media Cleaner Software	Terran Corp.	9/30/00	\$399.00	Y
Repair GPS Unit	Trimbel Navigation	10/09/99	\$700.00	Y
Software	Macromedia	6/30/00	\$3,159.00	Y
Computer system&software	Hewlett Packard	5/3/20	\$4,125.00	Y

Appendix #2 CRP

Example Workshop/Workday Notices

- 1. Fall Chinook Spawning Ground Survey Training and Agenda 10/6-12/99
- 2. Local History Collection Day Announcement 10/20/99
- 3. Campaign Against noxious Weed Population Workday Schedule Feb-September 2000
- 4. Schools Birding Series Field Trip Schedule 3/17-5/12/00
- 5. Recycling/Toxics Awareness Workshop 3/25/00
- 6. Godfrey Roads Workshop 4/7/00
- 7. Noxious Weed Earth Day Workday Poster 4/22/00
- 8. Fire Training at Nordheimer 4/24/00
- 9. Advanced Fire Topics Agenda 4/25/00
- 10. Fire Workdays 4/26-28/00
- 11. Native Plant Walk 4/29/00
- 12. Come Join Us Noxious Weeds Summer Month Schedule May-August 2000
- 13. Schools Watershed Fair 5/5/00
- 14. Garbage Dive 7/14/00
- 15. High Country Native Plant Walk 7/23-24/00
- 16. Noxious Weed End of year Workday Notice 9/24-25/00
- 17. Fall Spawning Training & Survey 9/27 to 11/20

Appendix #3 CRP

SRRC Handouts, Posters, Planning Meeting Notices, etc. Examples

- 1. Noxious Weed Committee Meeting 1/19/00
- 2. SLUG Meeting Agenda 3/29/00
- 3. Economic Development Committee Meeting 4/10/00
- 4. Fishing community Meeting 4/14/00
- 5. Steering Committee Meeting Agenda 5/3/00
- 6. Economic Development Community Action Plan Meeting Announcement 5/25/00
- 7. Salmon River Restoration Council's Fire Ecology Brochure
- 8. Safe Roads Brochure
- 9. Salmon River Restoration Council Fall 2000 Newsletter

Appendix #4

CRP 00

2000 Revision of the Community Restoration Plan